

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/014773

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F23R3/28 F23R3/34 F23D14/72 F23D14/74

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F23R F23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 670 456 A (NUOVOPIGNONE INDUSTRIE MECCANICHE E FONDERIA S.P.A) 6 September 1995 (1995-09-06)	1-3, 5-7, 16, 17
Y	column 4, line 15 - line 26; figures 1, 2	4, 8, 13, 14
X	US 5 885 068 A (DOEBBELING ET AL) 23 March 1999 (1999-03-23)	1
	column 3, line 12 - column 4, line 17; figure	
Y	EP 1 321 714 A (NUOVO PIGNONE HOLDING S.P.A) 25 June 2003 (2003-06-25)	4
	paragraphs '0036!, '0042!; figures 2, 4	
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

31 March 2005

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15/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 087 178 A (NUOVO PIGNONE HOLDING S.P.A) 28 March 2001 (2001-03-28) paragraphs '0009!, '0020!, '0036! - '0039!, '0043!, '0060!, '0062!; figure 2 -----	8,13,14
A	EP 0 589 520 A (NUOVO PIGNONE INDUSTRIE MECCANICHE E FONDERIA S.P.A; ENIRICERCHE S.P.A) 30 March 1994 (1994-03-30) figure -----	1-17
A	EP 0 800 041 A (ROLLS-ROYCE PLC) 8 October 1997 (1997-10-08) figure 1 column 3, line 54 - column 4, line 45 column 6, line 25 - column 7, line 11 -----	8,9,11,12

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/014773

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0670456	A	06-09-1995	IT 1273369 B	08-07-1997
			AT 173809 T	15-12-1998
			DE 69506142 D1	07-01-1999
			DE 69506142 T2	17-06-1999
			EP 0670456 A1	06-09-1995
			ES 2123842 T3	16-01-1999
			JP 7305846 A	21-11-1995
			US 5660044 A	26-08-1997
US 5885068	A	23-03-1999	DE 19614001 A1	16-10-1997
			CN 1165937 A	26-11-1997
			DE 59711087 D1	22-01-2004
			EP 0801268 A2	15-10-1997
			JP 10038275 A	13-02-1998
EP 1321714	A	25-06-2003	IT MI20012780 A1	23-06-2003
			CA 2413635 A1	21-06-2003
			EP 1321714 A2	25-06-2003
			JP 2003207130 A	25-07-2003
			US 2003121266 A1	03-07-2003
EP 1087178	A	28-03-2001	IT MI991980 A1	23-03-2001
			AT 284006 T	15-12-2004
			CA 2320611 A1	23-03-2001
			DE 60016345 D1	05-01-2005
			EP 1087178 A1	28-03-2001
			JP 2001116257 A	27-04-2001
			US 6363725 B1	02-04-2002
EP 0589520	A	30-03-1994	IT 1255613 B	09-11-1995
			DE 69303448 D1	08-08-1996
			DE 69303448 T2	23-01-1997
			DK 589520 T3	16-09-1996
			EP 0589520 A1	30-03-1994
			ES 2089699 T3	01-10-1996
			GR 3020636 T3	31-10-1996
			JP 3398845 B2	21-04-2003
			JP 6221556 A	09-08-1994
			US 5381652 A	17-01-1995
EP 0800041	A	08-10-1997	DE 69721626 D1	12-06-2003
			DE 69721626 T2	06-11-2003
			EP 0800041 A2	08-10-1997
			US 5862668 A	26-01-1999